



## Reverse Polarity TNC Female Bulkhead to Reverse Polarity TNC Male Cable 48 Inch Length Using PE-SR402FLJ Coax

### RF Cable Assemblies Technical Data Sheet

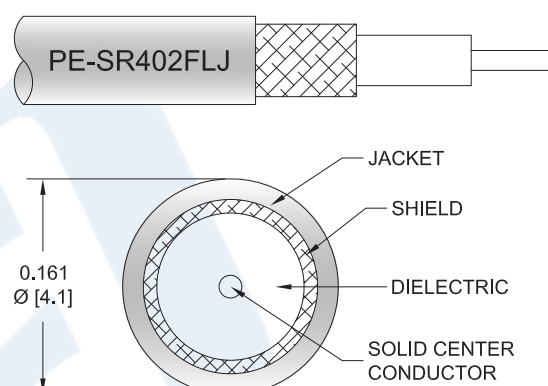
**PE3W05610-48**

#### Configuration

- Connector 1: TNC Female Reverse Polarity Bulkhead
- Connector 2: TNC Male Reverse Polarity
- Cable Type: PE-SR402FLJ

#### Features

- Max Frequency 1 GHz
- Shielding Effectivity > 100 dB
- 70% Phase Velocity
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W05610-48 reverse polarity TNC female bulkhead to reverse polarity TNC male 48 inch cable using PE-SR402FLJ coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack reverse polarity TNC to reverse polarity TNC cable assembly has a female to male gender configuration with 50 ohm formable PE-SR402FLJ coax. The PE3W05610-48 reverse polarity TNC female to reverse polarity TNC male cable assembly operates to 1 GHz. Our RF cable assembly with TNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.5:1	
Velocity of Propagation		70		%
RF Shielding	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity TNC Female Bulkhead to Reverse Polarity TNC Male Cable 48 Inch Length Using PE-SR402FLJ Coax PE3W05610-48](#)



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#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	500	1,000				MHz
Insertion Loss (Max.)	0.53	0.7				dB

#### Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax use in this assembly. The Insertion Loss includes an estimated insertion loss of 0.2dB of connector Loss

#### Mechanical Specifications

##### Cable Assembly

Length\* 48 in [121.92 cm]

##### Cable

Cable Type PE-SR402FLJ  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper Clad Steel, Silver  
 Dielectric Type PTFE  
 Number of Shields 1  
 Shield Layer 1 Tinned Copper Braid  
 Jacket Material FEP, Black  
 Jacket Diameter 0.161 in [4.09 mm]

One Time Minimum Bend Radius 0.315 in [8 mm]  
 Repeated Minimum Bend Radius 1.575 in [40.01 mm]

##### Connectors

Description	Connector 1	Connector 2
Type	TNC Female Reverse Polarity Bulkhead	TNC Male Reverse Polarity
Impedance	50 Ohms	50 Ohms
Body Material and Plating	Brass, Nickel	Brass, Nickel

#### Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity TNC Female Bulkhead to Reverse Polarity TNC Male Cable 48 Inch Length Using PE-SR402FLJ Coax PE3W05610-48](#)



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**PE3W05610-48**

#### How to Order

Part Number Configuration:

**PE3W05610**

**- xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3W05610-12 = 12 inches long cable  
PE3W05610-100cm = 100 cm long cable

Reverse Polarity TNC Female Bulkhead to Reverse Polarity TNC Male Cable 48 Inch Length Using PE-SR402FLJ Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

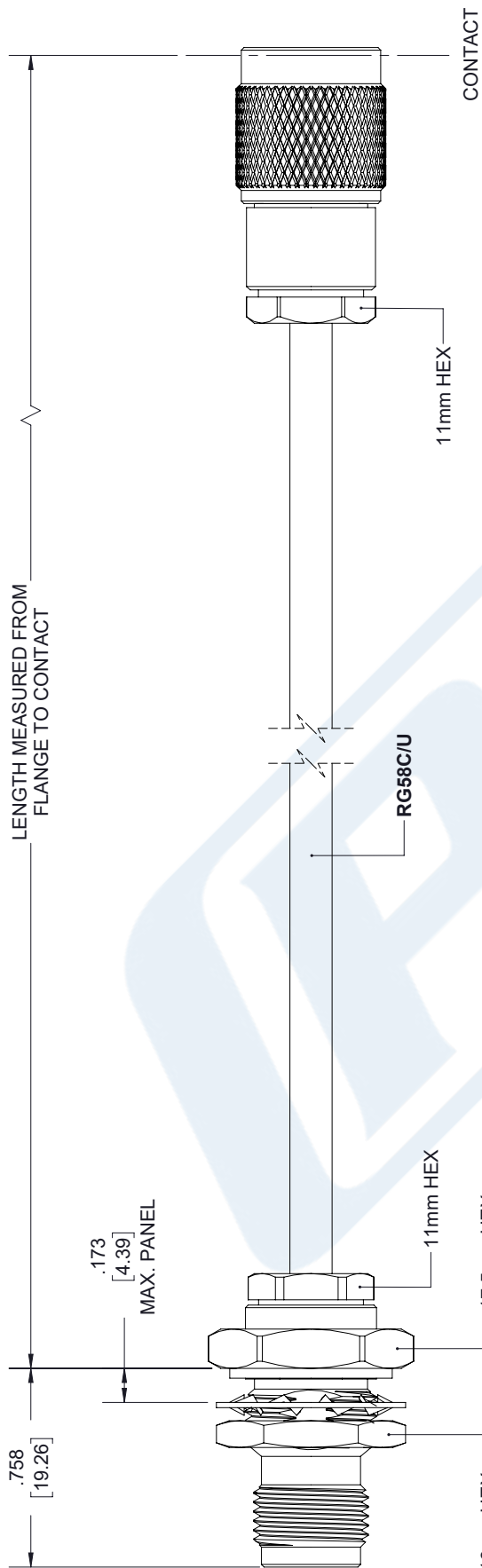
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URL: <https://www.pasternack.com/tnc-female-tnc-male-pe-sr402flj-cable-assembly-pe3w05610-48-p.aspx>

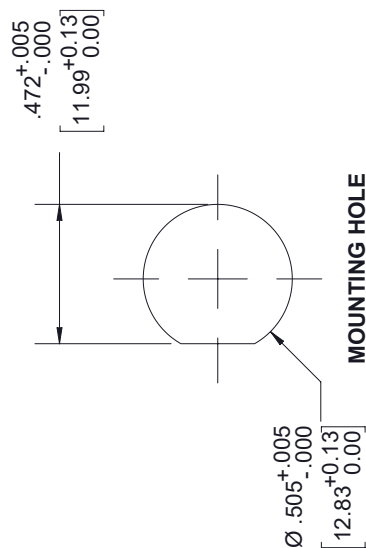
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LENGTH MEASURED FROM  
FLANGE TO CONTACT



RP TNC MALE



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		<div> <b>PASTERNAK</b> an INFINITE® brand</div> <div>PasternaK Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451 <a href="http://www.pasternaK.com">www.pasternaK.com</a>   e-mail: <a href="mailto:sales@pasternaK.com">sales@pasternaK.com</a></div>		THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.
TOLERANCES:  X±.2    2 [5.08]    FRACTIONS XX±.01 [ .25]    ± 1/32 XXX±.005 [ .13]    ANGLES ± 1°  ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		SHEET    1    OF    1		SCALE    N/A
THIRD-ANGLE PROJECTION  		SIZE    CAGE    DRAWN BY    PART NUMBER	REV	
		A    53919    K.DANG    PE3W05610	A	

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